WATER SUPPLY OUTLOOK
BITTERROOT RIVER BASIN
MONTANA
as of
JUNE 1, 1965

UNITED STATES DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE
Data included in this report were obtained in cooperation with other Federal, State and private organizations

The water supply is excellent for the remainder of the season. Snow is above average in the higher elevations and unless temperatures during the remainder of the season are abnormally high, streamflow should hold up well throughout the summer. Presently the mountain snow pack is greater than it was a year ago and well above average for this time of year.

Runoff for the June through September period is forecast to be about 50 percent more than average. Since 1935 this volume was exceeded only last season when rain on delayed snowmelt produced high runoff.

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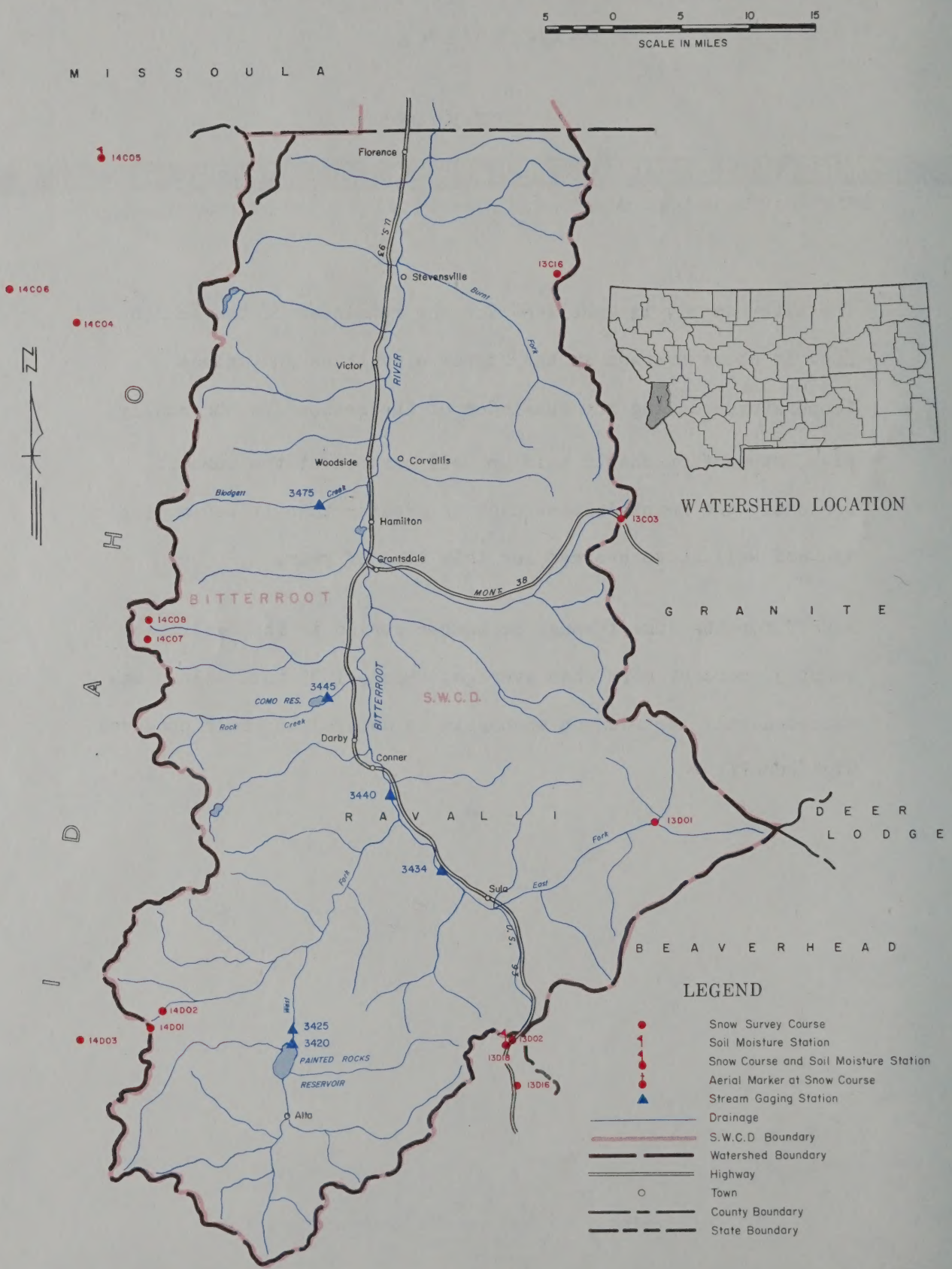
BITTERROOT RIVER BASIN



SNOW SURVEY DATA

WATERSHED V

AS OF MAY 15 and JUNE 1, 1965

(Inches)

SNOW COURSE NO.	NAME	ELEVATION	CURRENT DATA: DATE OF SURVEY	CURRENT DATA: SNOW DEPTH	CURRENT DATA: WATER CONTENT	PAST RECORD: WATER CONTENT: LAST YEAR	PAST RECORD: WATER CONTENT: AVERAGE
			MAY 15, 1965				
13D02	Gibbons Pass	7100	5/14	52	26.9	25.9	20.1*
14C07	Lost Horse	5940	5/13	67	33.0	-	-
13D22	Saddle Mountain	7940	5/14	69	34.4	-	-
13C03	Skalkaho Summit	7260	5/13	70	34.2	28.8	23.0*
14C08	Twin Lakes	6510	5/13	96	48.8	-	-
			JUNE 1, 1965				
13D02	Gibbons Pass	7100	6/2	26	14.6	11.4	6.7*
14C07	Lost Horse	5940	6/1	43	21.9	-	
13D22	Saddle Mountain	7940	6/2	50	26.4	-	-
13C03	Skalkaho Summit	7260	6/1	44	24.0	19.6	14.1*
14C08	Twin Lakes	6510	6/1	68	37.3	-	-

SOIL MOISTURE DATA

AS OF JUNE 1, 1965

(Inches)

SOIL MOISTURE STATION NO.	NAME	ELEVATION	SOIL PROFILE: DEPTH	SOIL PROFILE: FIELD CAPACITY	CURRENT DATA: DATE OF SURVEY	CURRENT DATA: SOIL MOISTURE	PAST RECORD: LAST YEAR	PAST RECORD: **AVERAGE
13D18M	Gibbons Pass	7100	48	7.1	6/2	7.0	7.2	-
14C05M	Lolo Pass	5250	48	10.6	6/1	10.1	10.2	-
13C03M	Skalkaho Summit	7260	48	10.8	6/1	10.2	-	-

NOTE: ALL AVERAGES BASED ON 1948-1962 (15 YEAR PERIOD). *ADJUSTED AVERAGE **AVERAGE FOR PERIOD OF RECORD

WATER SUPPLY FORECASTS

WATERSHED V

AS OF JUNE 1, 1965

(1000 Acre Feet)

NO.	RIVER AND FORECAST POINT	FORECAST PERIOD	FORECAST THIS YEAR	PERCENT AVERAGE	MEASURED FLOW	
					LAST YEAR*	AVERAGE
	BITTERROOT RIVER					
3440	Darby (near)	June-Sept.	450	146	477	307

*PROVISIONAL DATA FURNISHED BY U. S. GEOLOGICAL SURVEY

RESERVOIR STORAGE DATA

AS OF MAY 31, 1965

(1000 Acre Feet)

NO.	RESERVOIR	USABLE CAPACITY	THIS YEAR	LAST YEAR	AVERAGE
3445	Como	34.9	28.7	18.1	29.0
3420	Painted Rocks	31.7		-	32.4

NOTE: ALL AVERAGES BASED ON 1948-1962 (15 YEAR PERIOD).